

# EU-TYPE EXAMINATION CERTIFICATE



- [1]
- [2] **Equipment or Protective System intended for use  
in Potentially Explosive Atmospheres  
Directive 2014/34/EU**
- [3] EU-Type Examination Certificate Number: **DEMKO 15 ATEX 1554X Rev. 1**
- [4] Product: **ZP Series of Control Panels**
- [5] Manufacturer: **Adalet, A Scott Fetzer Co.**
- [6] Address: **4801 W. 150th Street, Cleveland, OH 44135 USA**
- [7] This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] UL International Demko A/S, notified body number 0539 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The examination and test results are recorded in confidential report no. **4788196054.4.1**
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0:2012+A11:2013      EN 60079-1:2014      EN 60079-11:2012**

- [10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to special conditions for safe use specified in the schedule to this certificate.
- [11] This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by the certificate.
- [12] The marking of the product shall include the following:

**II 2 G Ex db [ia/ib/ic IIC/IIB/IIA Ga/Gb/Gc] IIC T6...T1 Gb**

**II 2 G Ex db [ia/ib/ic IIC/IIB/IIA Ga/Gb/Gc] IIB+H2 T6...T1 Gb**

**II 2 G Ex db [ia/ib/ic IIC/IIB/IIA Ga/Gb/Gc] IIB T6...T1 Gb**

**II 2 G Ex db [ia/ib/ic IIC/IIB/IIA Ga/Gb/Gc] IIA T6...T1 Gb**

**II 2 G Ex db IIC T6...T1 Gb**

**II 2 G Ex db IIB+H2 T6...T1 Gb**

**II 2 G Ex db IIB T6...T1 Gb**

**II 2 G Ex db IIA T6...T1 Gb**

**Certification Manager**  
Jan-Erik Storgaard

**Notified Body**

This is to certify that the sample(s) of the Product described herein ("Certified Product") has been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the ATEX Product Certification Program Requirements. This certificate and test results obtained apply only to the product sample(s) submitted by the Manufacturer. UL did not select the sample(s) or determine whether the sample(s) provided were representative of other manufactured product. UL has not established Follow-Up Service or other surveillance of the product. The Manufacturer is solely and fully responsible for conformity of all product to all applicable Standards, specifications, requirements or Directives. The test results may not be used, in whole or in part, in any other document without UL's prior written approval.

**Date of issue:** 2015-10-29

**Re-issued:** 2018-09-27



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## Schedule

### EU-TYPE EXAMINATION CERTIFICATE No. DEMKO 15 ATEX 1554X Rev. 1

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[14]

- [15] Description of Product  
The ZP series of control panels utilize a flameproof enclosure populated with electronics. The flameproof enclosure may be completed with pilot lights and operators mounted through the cover. The control panel may include intrinsic safety barriers located within the flameproof enclosure that provide intrinsically safe outputs.

Nomenclature for type

ZP-      XXX  
I            II

- I.      Control Panel Series  
      ZP- Series Designation
- II.     Additional Markings  
      XXX - The Series designation may be followed by additional letters and numbers

Temperature range

The ambient temperature range is detailed in Drawing DS972, DS972-GR, and DS973-INSAFE.

Electrical data

Refer to installation instructions for electrical ratings.

Routine tests

Routine temperature tests in accordance with EN60079-0:2012+A11:2013 shall be conducted on all units in accordance with clause 26.5.1. The marked temperature class shall be consistent with the results of the routine temperature test.

[16]

Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [ 8 ] on page 1 of this EU-Type Examination Certificate.

[17]

Specific conditions of use:

The specific conditions for each build are detailed within the installation instructions dependent upon the conditions of use of the installed components.

[18]

Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

Additional information

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in Annex III to Directive 2014/34/EU of the European Parliament and the Council of 26 February 2014.